

AMENDMENT

Kindly amend the application as follows.

Amendments to the Claims:

Claim 1 (Withdrawn): An isolated grapevine leafroll virus protein or polypeptide selected from the group of a polyprotein comprising a proteinase or a methyltransferase; a proteinase; a methyltransferase; a helicase having an amino terminal amino acid sequence consisting of ValGlyGluSer; a protein consisting of the amino acid sequence of SEQ ID NO:11; and a protein consisting of the amino acid sequence of SEQ ID NO: 13.

Claim 2 (Withdrawn): The isolated protein or polypeptide of claim 1, wherein the protein or polypeptide is a polyprotein having a molecular weight of from 242 to 248 kDa.

Claim 3 (Withdrawn): The isolated protein or polypeptide of claim 2, wherein the polyprotein comprises the amino acid sequence of SEQ ID NO:15.

Claim 4 (Withdrawn): The isolated protein or polypeptide of claim 1, wherein the proteinase comprises the amino acid sequence of SEQ ID NO:5.

Claim 5 (Withdrawn): The isolated protein or polypeptide of claim 1, wherein the

methyltransferase comprises the amino acid sequence of SEQ ID NO:7.

Claim 6 (Currently Amended): An isolated ~~grapevine leafroll virus~~ RNA molecule encoding a protein or polypeptide comprising the amino acid sequence of SEQ ID NO:5.

Claim 7 (Withdrawn): An isolated DNA molecule of a grapevine leafroll virus comprising SEQ ID NO: 2 or SEQ ID NO: 14.

Claims 8-9 (Canceled).

Claim 10 (Withdrawn): An isolated DNA molecule that hybridizes under highly stringent conditions to the complement of the sequence set forth in SEQ ID NO: 3, wherein said DNA molecule encodes a polyprotein having a molecular weight of from 242 to 248 kDa.

Claims 11-13 (Canceled).

Claim 14 (Withdrawn): An isolated DNA molecule that hybridizes under highly stringent conditions to the complement of the sequence set forth in SEQ ID NO: 6,

wherein said DNA molecule encodes a polypeptide having methyltransferase activity.

Claim 15 (Canceled).

Claim 16 (Withdrawn): An isolated DNA molecule that hybridizes under highly stringent conditions to the complement of the sequence set forth in SEQ ID NO: 8, wherein said DNA molecule encodes a polypeptide having helicase activity.

Claim 17 (Withdrawn): An isolated DNA molecule that hybridizes under highly stringent conditions to the complement of the sequence set forth in SEQ ID NO:10, wherein said DNA molecule encodes a polypeptide comprising the amino acid sequence set forth in SEQ ID NO:11.

Claim 18 (Withdrawn): An isolated DNA molecule that hybridizes under highly stringent conditions to the complement of the sequence set forth in SEQ ID NO: 12, wherein said DNA molecule encodes the amino acid sequence set forth in SEQ ID NO: 13.

Claims 19-31 (Canceled).

Claim 32 (Withdrawn): An antibody or binding portion thereof or probe recognizing the protein or polypeptide according to claim 1.

Claim 33 (Withdrawn): A method of detecting a virus in a sample, said method comprising:

(a) contacting a sample with the antibody of claim 32 under conditions that allow for complex formation between said antibody and said virus; and

(b) detecting said complexes as an indication that said virus is present in said sample.

Claim 34 (Withdrawn): A method for detecting a viral nucleic acid molecule in a sample, said method comprising:

(a) contacting a sample with the DNA of any of claims 7, 10, 12, 14, or 16-18 or a fragment thereof under conditions that allow for complex formation between said DNA and said virus; and

(b) detecting said complexes as an indication that said virus is present in said sample.

Claim 35 (Previously Presented): An isolated DNA molecule that encodes a protein or polypeptide comprising the amino acid sequence of SEQ ID NO:5.

Claims 36-54 (Canceled).

Claim 55 (Currently Amended): An expression vector comprising the DNA molecule of claim 35, ~~52, 53, or 54~~.

Claim 56 (Previously Presented): The expression vector of claim 55, wherein the DNA molecule is inserted in sense orientation.

Claim 57 (Previously Presented): The expression vector of claim 55, wherein the DNA molecule is inserted in antisense orientation.

Claim 58 (Currently Amended): A host cell transformed with the DNA molecule of claim 35, ~~52, 53, or 54~~.

Claim 59 (Previously Presented): The host cell of claim 58, wherein the host cell is selected from the group consisting of *Agrobacterium vitis* and *Agrobacterium tumefaciens*.

Claim 60 (Previously Presented): The host cell of claim 58, wherein the host cell is a grape cell or a citrus cell.

Claim 61 (Currently Amended): A transgenic plant or transgenic plant component comprising the DNA molecule according to claim 35, ~~52, 53, or 54~~.

Claim 62 (Previously Presented): The transgenic plant or transgenic plant component of claim 61, wherein said transgenic plant component is a scion.

Claim 63 (Previously Presented): The transgenic plant or transgenic plant component of claim 61, wherein said transgenic plant component is a rootstock.

Claim 64 (Previously Presented): The transgenic plant or transgenic plant component of claim 61, wherein said transgenic plant component is a somatic embryo.

Claim 65 (Currently Amended): A method for conferring viral disease resistance to a plant or plant component thereof, said method comprising the steps of :

(a) transforming a plant cell with a DNA molecule of claim 35, ~~52, 53, or 54~~, or a fragment thereof, which is expressed in said plant cell; and

(b) regenerating a plant or plant component thereof from said plant cell, wherein expression of said DNA in said plant or plant component thereof confers viral resistance to said plant or said plant component.

Claim 66 (Previously Presented): The method of claim 65, wherein said plant or plant component is resistant to a grapevine leafroll virus selected from the group of GLRaV-1, GLRaV-2, GLRaV-3, GLRaV-4, GLRaV-5, and GLRaV-6.

Claim 67 (Previously Presented): The method of claim 65, wherein said plant or plant component is resistant to a beet yellows virus, lettuce infectious yellows virus, or citrus tristeza virus.